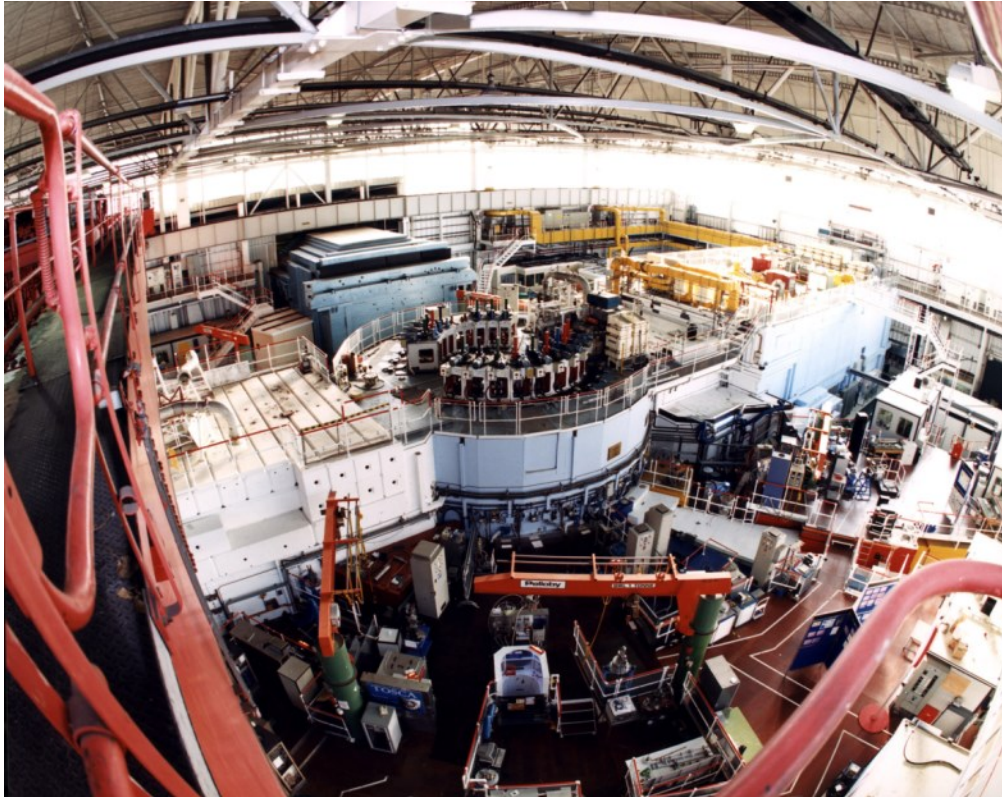# A customisable domain specific ICAT interface

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Science & Technology Facilities Council
ISIS

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Why?

- TopCAT is very generic, so does not provide information to our users in a domain specific way
- This is fine for some things
- Some domains have specific workflows and standard ways of working
- Can we have 'custom' portals for them, without too much work?

Who?

- Customers
  - ISIS Disordered Materials Group
  - Inelastic spectra database
- Creators
  - ISIS Computing group
  - Me
  - Frazer Barnsley (graduate secondment)

- Will be added to contrib

How?

- Uses ICAT as the database and IDS to store and serve data
- Configuration file defines
  - Names
  - Numbers of samples
  - Parameters (Investigation, sample, dataset, datafile)
  - Datafiles (uploads)
  - Tooltips
  - Friendly names
- Creates ICAT entries (including ParameterTypes)
- Grails – Groovy on Rails
- Iterative development with science groups
- Not much code. Lots of nice things for free
- Tomcat, Glassfish, Jetty, etc

Where?

- Currently on a development server (RAL only)

Live Demo……

http://130.246.49.212:8080/SimpleICATBrowser/

When?

- Next release to customers – end of this week

- Must be finished by end of November

Questions...